

Paterson

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/799,913

DATE: 09/17/97
TIME: 10:21:39

INPUT SET: S20406.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

ENTERED

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: KARIN, MICHAEL
HIBI, MASAHIKO
LIN, ANNING

(ii) TITLE OF INVENTION: ONCOPROTEIN PROTEIN KINASE

(iii) NUMBER OF SEQUENCES: 10

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: FISH & RICHARDSON P.C.
(B) STREET: 4225 Executive Square, Suite 1400
(C) CITY: La Jolla
(D) STATE: California
(E) COUNTRY: USA
(F) ZIP: 92037

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 08/799,913
(B) FILING DATE: 13-FEB-1997
(C) CLASSIFICATION: 435

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/444,393
(B) FILING DATE: 19-MAY-1995

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Haile, Ph.D., Lisa A.,
(B) REGISTRATION NUMBER: 38,347
(C) REFERENCE/DOCKET NUMBER: 07257/017002

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (619) 678-5070
(B) TELEFAX: (619) 678-5099

(2) INFORMATION FOR SEQ ID NO:1:

INPUT SET: S20406.raw

47
48 (i) SEQUENCE CHARACTERISTICS:
49 (A) LENGTH: 47 amino acids
50 (B) TYPE: amino acid
51 (C) STRANDEDNESS: single
52 (D) TOPOLOGY: linear
53
54 (ii) MOLECULE TYPE: peptide
55
56
57 (vii) IMMEDIATE SOURCE:
58 (B) CLONE: c-Jun/JNK binding site
59
60 (ix) FEATURE:
61 (A) NAME/KEY: Peptide
62 (B) LOCATION: 1..47
63
64
65 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
66
67 Ile Leu Lys Gln Ser Met Thr Leu Asn Leu Ala Asp Pro Val Gly Ser
68 1 5 10 15
69
70 Leu Lys Pro His Leu Arg Ala Lys Asn Ser Asp Leu Leu Thr Ser Pro
71 20 25 30
72
73 Asp Val Gly Leu Leu Lys Leu Ala Ser Pro Glu Leu Glu Arg Leu
74 35 40 45
75

(2) INFORMATION FOR SEQ ID NO:2:

76
77
78 (i) SEQUENCE CHARACTERISTICS:
79 (A) LENGTH: 35 base pairs
80 (B) TYPE: nucleic acid
81 (C) STRANDEDNESS: single
82 (D) TOPOLOGY: linear
83
84 (ii) MOLECULE TYPE: DNA (genomic)
85
86
87 (vii) IMMEDIATE SOURCE:
88 (B) CLONE: N-terminal primer
89
90 (ix) FEATURE:
91 (A) NAME/KEY: CDS
92 (B) LOCATION: 1..35
93
94

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

95
96
97 TCTGCAGGAT CCCCATGACT GCAAAGATGG AAACG
98
99

(2) INFORMATION FOR SEQ ID NO:3:

35

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100
101 (i) SEQUENCE CHARACTERISTICS:
102 (A) LENGTH: 34 base pairs
103 (B) TYPE: nucleic acid
104 (C) STRANDEDNESS: single
105 (D) TOPOLOGY: linear
106
107 (ii) MOLECULE TYPE: DNA (genomic)
108
109
110 (vii) IMMEDIATE SOURCE:
111 (B) CLONE: N-terminal primer
112
113 (ix) FEATURE:
114 (A) NAME/KEY: CDS
115 (B) LOCATION: 1..34
116
117
118 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

TCTGCAGGAT CCCCAGCAT GCCCTCAACG CCTC

34

122 (2) INFORMATION FOR SEQ ID NO:4:
123
124 (i) SEQUENCE CHARACTERISTICS:
125 (A) LENGTH: 35 base pairs
126 (B) TYPE: nucleic acid
127 (C) STRANDEDNESS: single
128 (D) TOPOLOGY: linear
129
130 (ii) MOLECULE TYPE: DNA (genomic)
131
132
133 (vii) IMMEDIATE SOURCE:
134 (B) CLONE: N-terminal primer
135
136 (ix) FEATURE:
137 (A) NAME/KEY: CDS
138 (B) LOCATION: 1..35
139
140
141 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

TCTGCAGGAT CCCCAGAGAGC GGACCTTATG GCTAC

35

145 (2) INFORMATION FOR SEQ ID NO:5:
146
147 (i) SEQUENCE CHARACTERISTICS:
148 (A) LENGTH: 35 base pairs
149 (B) TYPE: nucleic acid
150 (C) STRANDEDNESS: single
151 (D) TOPOLOGY: linear
152

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153 (ii) MOLECULE TYPE: DNA (genomic)
154
155
156 (vii) IMMEDIATE SOURCE:
157 (B) CLONE: N-terminal primer
158
159 (ix) FEATURE:
160 (A) NAME/KEY: CDS
161 (B) LOCATION: 1..35
162
163
164

165 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
166

167 TCTGCAGGAT CCCC GCCGAC CCAGTGGGGA GCCTG 35
168

169 (2) INFORMATION FOR SEQ ID NO:6:
170

171 (i) SEQUENCE CHARACTERISTICS:
172 (A) LENGTH: 35 base pairs
173 (B) TYPE: nucleic acid
174 (C) STRANDEDNESS: single
175 (D) TOPOLOGY: linear
176

177 (ii) MOLECULE TYPE: DNA (genomic)
178
179

180 (vii) IMMEDIATE SOURCE:
181 (B) CLONE: N-terminal primer
182

183 (ix) FEATURE:
184 (A) NAME/KEY: CDS
185 (B) LOCATION: 1..35
186
187

188 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
189

190 TCTGCAGGAT CCCCAAGAAC TCGGACCTCC TCACC 35
191

192 (2) INFORMATION FOR SEQ ID NO:7:
193

194 (i) SEQUENCE CHARACTERISTICS:
195 (A) LENGTH: 30 base pairs
196 (B) TYPE: nucleic acid
197 (C) STRANDEDNESS: single
198 (D) TOPOLOGY: linear
199

200 (ii) MOLECULE TYPE: DNA (genomic)
201

202
203 (vii) IMMEDIATE SOURCE:
204 (B) CLONE: C-terminal primer
205

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206 (ix) FEATURE:
207 (A) NAME/KEY: CDS
208 (B) LOCATION: 1..30
209
210
211 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
212
213 TGAATTCTGC AGGCGCTCCA GCTCGGGCGA
214
215
216
217
218

30

219 (2) INFORMATION FOR SEQ ID NO:8:
220
221 (i) SEQUENCE CHARACTERISTICS:
222 (A) LENGTH: 33 base pairs
223 (B) TYPE: nucleic acid
224 (C) STRANDEDNESS: single
225 (D) TOPOLOGY: linear
226
227 (ii) MOLECULE TYPE: DNA (genomic)
228
229
230 (vii) IMMEDIATE SOURCE:
231 (B) CLONE: C-terminal primer
232
233 (ix) FEATURE:
234 (A) NAME/KEY: CDS
235 (B) LOCATION: 1..33
236
237
238 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
239

240 TGAATTCCTG CAGGTCGGCG TGGTGGTGAT GTG
241
242 (2) INFORMATION FOR SEQ ID NO:9:
243

33

244 (i) SEQUENCE CHARACTERISTICS:
245 (A) LENGTH: 2099 base pairs
246 (B) TYPE: nucleic acid
247 (C) STRANDEDNESS: single
248 (D) TOPOLOGY: linear
249
250 (ii) MOLECULE TYPE: DNA (genomic)
251
252
253 (vii) IMMEDIATE SOURCE:
254 (B) CLONE: Jun
255
256 (ix) FEATURE:
257 (A) NAME/KEY: CDS
258 (B) LOCATION: 414..1406

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SEQUENCE VERIFICATION REPORT
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Original Text